

PLANETARY NOTICE—SOLAR SYSTEM.

The Planets of the Solar System are 29 in number. Of them, 11 are *primary*, and 18 *secondary*, or Moons. Of these Moons, our EARTH has one, *Jupiter* four, *Saturn* seven, and *Uranus* six. Of the primary planets, two are called *inferior*, viz., *Mercury* and *Venus*, because they are nearer the *Sun* than the *Earth*; the others are called *superior*, because farther from the *Sun* than the *Earth*.

<i>Distance from the Sun.</i>	<i>Magnitude—diameters in miles.</i>	<i>Len. of year.</i>
Mercury, 37 millions of miles	3,140	3 months.
Venus, 68 millions of miles	7,700	7½ ditto
Earth, 95 millions of miles	7,912	1 year
Mars, 142 millions of miles	4,200	2 ditto
Jupiter, 485 millions of miles	89,000	12 ditto
Saturn, 890 millions of miles	79,000	29 ditto
Uranus, 1800 millions of miles	35,000	84 ditto

Mercury is too near the Sun to be seen from the Earth without a telescope, but Venus, Mars, and Jupiter can always be seen when above the horizon if the weather be clear, and are commonly called Morning or Evening Stars according as they rise or set before or after the Sun. This year Venus will rise and set before the Sun, and consequently will be a Morning Star till October the 4th, and after the Sun the remainder of the year, and thus will be an Evening Star. Mars will be an Evening Star from January 12th to the end of the year. Jupiter will be an Evening Star till February the 8th, then Morning Star till August 26th, then Evening Star the rest of the year.

St. John's.

True Latitude of Church Hill	47.34 North.
Longitude (West of Greenwich)	52.42 West.